

AMENDED IN ASSEMBLY APRIL 1, 2013

AMENDED IN ASSEMBLY MARCH 19, 2013

Senate Concurrent Resolution

No. 16

Introduced by Senator Knight

(Coauthors: Senators Anderson, Berryhill, Block, Cannella, Corbett, Correa, Emmerson, Fuller, Gaines, Huff, Jackson, Lieu, Nielsen, Pavley, Price, Steinberg, Walters, Wright, and Wyland)

(Coauthors: Assembly Members Achadjian, Conway, Donnelly, Gorell, Hall, Maienschein, ~~and Muratsuchi~~ *Muratsuchi, Alejo, Allen, Ammiano, Atkins, Bigelow, Bloom, Blumenfeld, Bocanegra, Bonilla, Bonta, Bradford, Brown, Buchanan, Ian Calderon, Campos, Chau, Chávez, Chesbro, Cooley, Dahle, Dickinson, Eggman, Fong, Fox, Frazier, Beth Gaines, Garcia, Gatto, Gordon, Grove, Harkey, Roger Hernández, Holden, Jones, Jones-Sawyer, Levine, Linder, Logue, Mansoor, Medina, Mitchell, Morrell, Mullin, Nazarian, Nestande, Olsen, Pan, Patterson, Perea, John A. Pérez, V. Manuel Pérez, Quirk, Quirk-Silva, Rendon, Salas, Skinner, Stone, Torres, Wagner, Waldron, Weber, Wieckowski, Wilk, Williams, and Yamada*)

February 27, 2013

Senate Concurrent Resolution No. 16—Relative to aerospace.

LEGISLATIVE COUNSEL'S DIGEST

SCR 16, as amended, Knight. California Aerospace Month.

This measure would recognize the contributions of the aerospace industry to the history, economy, security, and educational system of California, its communities, and its citizens by proclaiming the month of March 2013 as California Aerospace Month.

Fiscal committee: no.

1 WHEREAS, The California aerospace industry is a powerful,
2 reliable source of employment, innovation, and export income,
3 directly employing more than 162,000 people in California and
4 supporting more than 640,000 jobs in related fields for a total
5 payroll estimated at \$15.3 billion annually and resulting in \$500
6 million in annual state income taxes; and

7 WHEREAS, The California aerospace industry leads the United
8 States in aerospace and defense services, including the design and
9 manufacture of aircraft, spacecraft, and commercial satellites, as
10 well as a myriad of systems and instruments for search, detection,
11 navigation, guidance, and radio and television broadcast and
12 wireless communication systems; and

13 WHEREAS, California is home to many superb sites of air and
14 space activity, including Vandenberg Air Force Base, two Federal
15 Aviation Administration-licensed launch sites, the Mojave Air and
16 Spaceport, more than 20 astronomical observatories, multiple
17 international airports, many important defense aerospace bases,
18 and hundreds of business and general aviation airfields; and

19 WHEREAS, California is also home to three National
20 Aeronautics and Space Administration (NASA) research and
21 engineering centers. These centers are recognized as the Ames
22 Research Center, the Dryden Flight Research Center, and the Jet
23 Propulsion Laboratory (JPL); and

24 WHEREAS, California has led the nation in aeronautical firsts
25 and California's aerospace industry produced many of the
26 significant and record-breaking aircraft that are now represented
27 in The Smithsonian Institution's National Air and Space Museum.
28 The Spirit of St. Louis, which in 1927 performed the first solo
29 nonstop transatlantic flight from New York to Paris, was designed
30 and built in California by Ryan Airlines and made Charles
31 Lindbergh an international hero. The Douglas DC-3, recognized
32 as the most successful airliner in history, dominating both
33 commercial and military air transportation from its introduction
34 in 1935 until after World War II, was designed and built in
35 California by the Douglas Aircraft Company. The Space Shuttle
36 was designed, built, assembled, and tested in California. California
37 is home to Edwards Air Force Base, the site of five test flights of
38 the Shuttle Enterprise, the landing site of 54 Space Shuttle
39 missions, and the site of the 199 X-15 missions; and

1 WHEREAS, Edwards Air Force Base, known for its notable
2 aeronautical achievements, was the location of many first flights
3 of American aircraft, shuttles, and jets flown from Rogers Dry
4 Lake in the Mojave Desert of Kern County. America's first jet,
5 XP-59A, was first flown in California. General Charles "Chuck"
6 Yeager made world history in California on October 14, 1947,
7 when he became the first man to fly Mach 1, faster than the speed
8 of sound, while piloting the Bell X-1 rocket plane. The rocket
9 powered X-15, flown by former State Senator William J. "Pete"
10 Knight, attained a speed of Mach 6.7 (4,520 miles per hour), a
11 speed that remains, to this day, the highest ever attained in an
12 airplane. The Rutan Model 76 Voyager was the first aircraft to fly
13 around the world without stopping or refueling; and

14 WHEREAS, California has led the nation in firsts in human
15 space exploration, including the manufacture of the Apollo 11
16 command module that carried the first humans to the surface of
17 our moon; the manufacture and landing of the Space Shuttle
18 orbiters, the first reusable space vehicles, which include the
19 Endeavour, on display at the California Science Center; and the
20 manufacture and recovery of the SpaceX Dragon capsule and
21 Falcon launch vehicle, the first privately funded space exploration
22 system; and

23 WHEREAS, California has led the nation in firsts in robotic
24 space exploration, including the Explorer 1 Earth observation
25 satellite as America's first successful spacecraft, the Mariner 2 as
26 the first spacecraft to explore another planet, the Viking landers
27 as the first spacecrafts to perform experiments on another planet,
28 and the development of the Pioneer 10 spacecraft as the first to
29 exit our solar system; and

30 WHEREAS, Californians, through NASA and JPL, build,
31 manage, and operate the majority of the spacecraft exploring our
32 solar system, including the most recent Mars Science Laboratory
33 "Curiosity," and those spacecraft exploring other solar systems,
34 like the Kepler exoplanet discovery mission, as well as the SOFIA,
35 the Stratospheric Observatory for Infrared Astronomy that
36 administers the Airborne Astronomy Ambassadors program for
37 educators who have inspired the dreams of California youth; and

38 WHEREAS, California aerospace industries assemble the
39 legendary Boeing C-17 Globemaster III, build the impressive
40 Northrop Grumman Global Hawk Unmanned Aircraft Systems,

1 engineer radical new aircraft at the famous Lockheed Martin
2 “Skunk Works” Advanced Development Programs facility, and
3 create systems that assist and protect members of the United States
4 Armed Forces through military communications, situational
5 awareness, satellite-guided ordnance, and technologies yet to be
6 dreamed of; and

7 WHEREAS, California will continue to lead in aerospace
8 education, through its superb Science, Technology, Engineering
9 and Mathematics (STEM) education programs and at its
10 world-class research universities, and thus will continue to lead
11 the world with the innovation that enabled advanced meteorological
12 forecasting, the Global Positioning System, NextGen tools for air
13 traffic management, green aviation, sophisticated wind tunnels
14 and test facilities, and advanced supercomputing and robotics; and

15 WHEREAS, The American Institute of Aeronautics and
16 Astronautics (AIAA), in conjunction with NASA, is sponsoring a
17 month of events to highlight the contributions of the aerospace
18 community to California, including panel discussions, educational
19 displays, tours, and the “AIAA Policy Symposium: Civilian
20 Applications of Unmanned Aerial Vehicles (UAVs) - A California
21 Perspective,” during March 2013; now, therefore, be it

22 *Resolved by the Senate of the State of California, the Assembly*
23 *thereof concurring*, That the California Legislature recognizes the
24 contributions of the aerospace industry to the history, economy,
25 security, and educational system of California, its communities,
26 and its citizens by proclaiming the month of March 2013 as
27 California Aerospace Month; and be it further

28 *Resolved*, That the Secretary of the Senate transmit copies of
29 this resolution to the author for appropriate distribution.